

ABSTRACT

An external counter-pulsation device in accordance with the present invention includes a solenoid valve (1) and a cylinder (2). A gas-supplying pipe (4) is connected between the solenoid valve (1) and the cylinder (2), for supplying gas to the cylinder (2). A piston (21) is positioned inside the cylinder (2). The piston (21) is connected with a pushing board (3) via a pushing pole (22). A soft medium layer (6) is secured on the inside surface of the pushing board (3), for preventing the body (5) of a patient from being injured. The cylinder (2) is secured to a holding board (8). Two ends of a surrounding strip (7) are fastened to the holding board (8), for confining the body (5). The cylinder applies gas with high pressure, so the gas consumption can be reduced and the external counter-pulsation device of the present invention has improved treatment results.